



566.39636X00

#6  
English  
Trans.  
RUBEN  
11/20/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): WATANABE, et al.  
Serial No.: 09/762,823  
Filed: February 13, 2001  
For: ADHESIVE FOR BONDING CIRCUIT MEMBERS, CIRCUIT  
BOARD AND PROCESS FOR ITS PRODUCTION  
Group: 1733

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SUBMISSION OF ENGLISH TRANSLATION OF  
INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Assistant Commissioner for Patents  
Washington, D.C. 20231

August 24, 2001

Sir:

The undersigned notes the Notification of Acceptance of Application Under 35 USC 371 and 37 CFR 1.494 or 1.495, mailed May 15, 2001, in connection with the above-identified application. This Notification mailed May 15, 2001 does not indicate that the U.S. Patent and Trademark Office has received the International Preliminary Examination Report in English and its Annexes, if any. Accordingly, enclosed herewith please find an English translation of the International Preliminary Examination Report. Note that this International Preliminary Examination Report indicates that the feature "'contains 10-200 parts by weight of an inorganic filler' is not disclosed in any of documents 1-3" of the International Search Report; and, moreover, it is considered that by virtue of this feature the application exhibits the advantageous effect of the coefficient of linear expansion being kept below.

Consideration of the enclosed English translation, upon


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examination of the above-identified application, is respectfully requested.

To the extent necessary, Applicants petition for an extension of time under 37 CFR § 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to the Deposit Account No. 01-2135 (Case No. 566.39636X00) and please credit any excess fees to such Deposit Account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

A handwritten signature in dark ink, appearing to read "William I. Solomon", is written over a horizontal line.

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WIS/slk  
Enclosure

Translation

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

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Applicant's or agent's file reference HC141201	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/JP98/03609	International filing date (day/month/year) 13 August 1998 (13.08.98)	Priority date (day/month/year)
International Patent Classification (IPC) or national classification and IPC C09J 9/02, H21L 21/60		
Applicant HITACHI CHEMICAL COMPANY, LTD.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 3 sheets, including this cover sheet.

☒ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of 4 sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability: citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 13 March 2000 (13.03.00)	Date of completion of this report 13 November 2000 (13.11.2000)
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

Form PCT/IPEA/409 (cover sheet) (July 1998)

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## I. Basis of the report

## 1. With regard to the elements of the international application:\*

- ☐ the international application as originally filed
- ☒ the description:  
pages 1-43, as originally filed  
pages \_\_\_\_\_, filed with the demand  
pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_
- ☒ the claims:  
pages 5,6,8-12,15,17-27, as originally filed  
pages \_\_\_\_\_, as amended (together with any statement under Article 19  
pages 1-4,7,13,14,16, filed with the demand  
pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_
- ☒ the drawings:  
pages 1,2, as originally filed  
pages \_\_\_\_\_, filed with the demand  
pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_
- ☐ the sequence listing part of the description:  
pages \_\_\_\_\_, as originally filed  
pages \_\_\_\_\_, filed with the demand  
pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

## 2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

## 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets/fig. \_\_\_\_\_

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. Statement**

Novelty (N)	Claims	1-27	YES
	Claims		NO
Inventive step (IS)	Claims	1-27	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-27	YES
	Claims		NO

**2. Citations and explanations**

The subject matter of claims 1-20 is considered to be novel and to involve an inventive step when compared with the documents cited in the ISR.

The feature 'contains 10~200 parts by weight of an inorganic filler' is not disclosed in any of documents 1-3, and moreover it is considered that by virtue of this feature the inventions of the present application exhibit the advantageous effect of the coefficient of linear expansion being kept low.